

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008977**Date Inspected:** 19-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#1

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint numbers 088 and 089 located on CB201G-013. Welder is identified as 216575. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint numbers 089 and 091 located on CB201G-015. Welder is identified as 054466. ZPMC QC is identified as Tian Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

S.A.W. welding of weld joint numbers 078 and 079 located on FB3081-001. Welder is identified as 250050. ZPMC QC is identified as Zhan Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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S.A.W. welding of weld joint numbers 081 and 082 located on FB3031-001. Welder is identified as 207237. ZPMC QC is identified as Zhan Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY #3

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint numbers 010 and 011 located on FB205-041. Welder is identified as 044830. ZPMC QC is identified as Yin Dong Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint numbers 020 and 021 located on FB205-042. Welder is identified as 044830. ZPMC QC is identified as Yin Dong Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint numbers 005 and 006 located on FB205-043. Welder is identified as 044830. ZPMC QC is identified as Yin Dong Hai. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#7

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 005 located on EP3012-001. Welder is identified as 209554. ZPMC QC is identified as Zhou Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 001 located on EP3009-001. Welder is identified as 062447. ZPMC QC is identified as Zhou Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
